

03-22-07

1615

PTO/SB/21 (09-06)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number 10/574,210  
Filing Date August 29, 2006  
First Named Inventor Rao et al.  
Art Unit 1615  
Examiner Name  
Attorney Docket Number AM-101457-1USA

## ENCLOSURES (Check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Reply to Missing Parts/Incomplete Application
  - ☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation
- ☐ Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_
- ☐ Landscape Table on CD

- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Other Enclosure(s) (please identify below):

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name Howson & Howson LLP  
Signature *Cathy A. Kodroff*  
Printed name Cathy A. Kodroff  
Date March 21, 2007

Reg. No. 33,980

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AM-101457-1USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/574,210

Confirmation No.: 5687

Applicant : Venkata Ramana Rao et al.

Filed : August 29, 2006

TC/A.U. : 1615

Examiner :

Customer No. : 38199

Title : PANTOPRAZOLE MULTIPARTICULATE FORMULATIONS

Commissioner for Patents  
Mail Stop Amendment  
PO. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit to the Examiner the attached Form PTO/SB/08A document listing and this paper pursuant to 37 CFR § 1.56 and § 1.97-1.98. Form PTO/SB/08A is attached and copies of the documents are enclosed herewith. This Information Disclosure Statement is submitted three months after the filing date of this application, but before the receipt of a first Office Action on the merits. Therefore, no fees are believed to be due.

The Examiner is respectfully requested to consider the documents identified in this paper and in the attached Form PTO/SB/08A during the course of examination of this application.

Express Mail: EO 931 913 912 US

Serial Number 10/574,210  
March 21, 2007

DE3531487 (item 21) is in German and corresponds to GB2163747A (item 20).

DE4219390 (item 21) is in German and provides oral pantaprazole.

EP166287A1 (item 24) is in German and corresponds to U.S. Patent No.  
4,758,579 (item 3).

EP519365A1 (item 48) is in German and corresponds to U.S. Patent No.  
5,997,903 (item 12).

WO 92/22284 (item 52) is in German and provides oral administration forms of  
pantaprazole consisting of a core, an intermediate layer and a gastric juice resistant outer  
layer.

WO 96/023500 (item 68) is in Spanish. This describes benzimidazole  
formulations having a nucleus onto which is the active is applied.

WO 99/06027 (item 73) is in German and describes pellet-type pharmaceuticals for  
oral administration containing aminosalicic acid in its core and an enteric coating.


WO 98/000115 (item 81) is in German and provides a composition for oral  
administration having a core which may contain a proton pump inhibitor such as  
omeprazole, an intermediate layer, and an external layer.

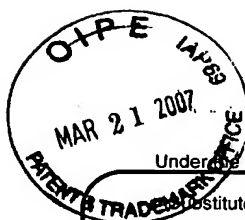
Serial Number 10/574,210  
March 21, 2007

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

Respectfully submitted,

HOWSON & HOWSON LLP  
Attorneys for Applicant

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Attorney Docket Number	AM-101457-1USA

Sheet 1 of 7

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 4,255,431	3-10-1981	Junggren, et al.	
	2	US- 4,686,230	8-11-1987	Rainer, et al.	
	3	US- 4,758,579	7-19-1988	Kohl, et al.	
	4	US- 4,853,230	8-1-1989	Lovgren, et al.	
	5	US- 5,178,867	1-12-1993	Guittard, et al.	
	6	US- 5,225,202	7-6-1993	Hodges, et al.	
	7	US- 5,260,069	11-9-1993	Chen	
	8	US- 5,273,758	12-28-1993	Royce	
	9	US- 5,780,057	7-14-1998	Conte, et al.	
	10	US- 5,811,426	9-22-1998	Heeres, et al.	
	11	US- 5,888,535	5-30-1999	Gray	
	12	US- 5,997,903	12-7-1999	Dietrich, et al.	
	13	US- 6,077,541	6-20-2000	Chen, et al.	
	14	US- 6,093,734	7-25-2000	Garst, et al.	
	15	US- 6,096,340	8-1-2000	Chen, et al.	
	16	US- 6,132,768	10-17-2000	Sachs, et al.	
	17	US- 6,136,344	10-24-2000	Depui, et al.	
	18	US- 6,248,363	6-19-2001	Patel, et al.	
	19	US- 6,277,412	8-21-2001	Otterbeck	

**FOREIGN PATENT DOCUMENTS**

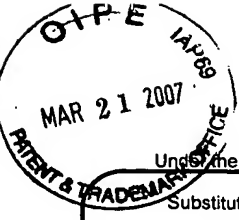
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	20	GB 2163347A	03-05-1986	Nippon Chemiphar Co, Ltd.		
	22	DE 42 19 390 A1	12-24-1992	Byk Gulden Lomberg		
	23	EP 0 005 129 A1	10-31-1979	Aktiebolaget Hassle Fack		
	24	EP 0 166 287 A1	1-02-1986	Byk Guiden Lomberg		
	25	EP 0 174 726 A1	03-19-1986	Takeda Chemical Ind, Ltd.		

Examiner Signature	Date Considered
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**INFORMATION DISCLOSURE  
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Sheet 2

of 7

**Complete if Known**

Application Number	10/574,210
Filing Date	August 29, 2006
First Named Inventor	Venkata Ramana Rao et al.
Art Unit	1615
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Attorney Docket Number	AM-101457-1USA

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		Number-Kind Code <sup>2</sup> (if known)			
	26	US- 6,277,412	8-21-2001	Otterbeck	
	27	US- 6,296,876	10-2-2001	Odidi, et al.	
	28	US- 6,383,510	5-7-2002	Linder, et al.	
	29	US- 6,489,346	12-3-2002	Phillips	
	30	US- 6,531,152	3-11-2003	Lerner, et al	
	31	US- 6,551,620	4-22-2003	Otterbeck	
	32	US- 6,559,167	5-6-2003	Garst, et al.	
	33	US- 6,569,453	5-27-2003	Linder, et al.	
	34	US- 6,569,463	5-27-2003	Patel, et al.	
	35	US- 6,607,742	8-19-2003	Linder, et al.	
	36	US- 6,617,338	9-9-2003	Mali, et al.	
	37	US- 6,623,759	9-23-2003	Hesse, et al.	
	38	US- 6,645,988	11-11-2003	Phillips	
	39	US- 6,699,885	3-2-2004	Phillips	
	40	US- 6,749,867	6-15-2004	Robinson, et al.	
	41	US- 7,041,313	5-9-2006	Dietrich, et al.	
	42	US- 3,065,143	11-20-1962	Christenson, et al.	
	43	US- 6,780,882	8-24-2004	Phillips	
	44	US- 2006/0263426	11-23-2006	Dietrich, et al.	

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
	45	EP 0 244 380 A2	11-04-1987	Aktiebolaget Hassle		
	46	EP 0 268 956 B2	06-01-1988	Eisai Co., Ltd.		
	47	EP 0 434 999 A1	07-03-1991	Toa Eiyo, Ltd.		
	48	EP 0 519 365 A1	12-23-1992	Byk Gulden Lomberg		
	49	EP 0 526 862 B1	2-10-1993	Vectorpharma Int'l		
	50	WO 92/22284	12-23-1992	Byk Gulden Lomberg		

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Application Number	10/574,210
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First Named Inventor	Venkata Ramana Rao et al.
Art Unit	1615
Examiner Name	
Attorney Docket Number	AM-101457-1USA

Sheet 3 of 7

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		Number-Kind Code <sup>2</sup> (if known)			
	51	US- 2006/0189590	08-04-2006	Kohl, et al.	
	52	US- 2006/0165797	07-27-2006	Plachetka	
	53	US- 2006/0216346	9-28-2006	Dietrich, et al.	
	54	US- 2006/0240100	10-26-2006	Anstett	
	55	US- 2006/0235053	10-19-2006	Gebauer, et al.	
	56	US- 2006/0257467	11-16-2006	Kostadinov, et al.	
	57	US- 5,433,959	07-18-1995	Makino, et al.	
	58	US- 6,953,808	10-11-2005	Gray	
	59	US- 2005/0239844 A1	10-27-2005	Lee, et al.	
	60	US- 2005/0220870 A1	10-06-2005	Hepburn, et al.	
	61	US- 2005/0245578 A1	11-03-2005	Allegrini, et al.	
	62	US- 2005/0266075 A1	12-01-2005	Chebli	
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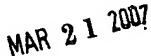
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	63	EP 0 793 959 A1	09-10-1997	Takeda Chemical Ind, Ltd.		
	64	EP 0 124 495 A2	11-07-1984	Aktiebolaget Hassle		
	65	EP 0 249 587 B1	12-16-1987	Aktiebolaget Hassle		
	66	EP 0 514 008 B1	11-19-1992	Takeda Chemical Ind, Ltd.		
	67	WO 94/002140 A1	2-3-1994	Yoshito-MI Pharmaceutical		
	68	WO 96/023500 A1	08-08-1996	Esteve Quimica, S.A.		

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Sheet	4	of	7
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	69	WO 96/001623 A1	01-25-1996	Astra Aktiebolag		
	70	WO 97/002021 A1	01-23-1997	Byk Gulden Lomberg		
	71	WO 97/047285 A1	12-18-1997	Depomed, Inc.		
	72	WO 97/048380 A1	12-24-1997	Astra Aktiebolag		
	73	WO 99/006027 A1	02-11-1999	Falk Pharma GMBH		
	74	WO 99/018938 A1	04-22-1999	Perio Products, Ltd.		

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Sheet	5
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of

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Application Number

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Filing Date

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**First Named Inventor**

Venkata Ramana Rao et al.

## Art Unit

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[illegible]

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	75	EP 1 043 976 B1	12-14-2005	AstraZeneca AB		
	76	AU 2005204242 A2	09-29-2005	Santarus, Inc.		
	77	WO 96/024338 A1	8-15-1996	Astra Aktiebolag		
	78	WO 97/002020	1-23-1997	Byk Gulden Lomberg		
	79	WO 97/012580	4-10-1997	Pharma Pass LLC		
	80	WO 97/025979	7-24-1997	Perio Products Ltd.		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	6
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of 7

**Complete if Known**

Application Number	10/574,210
Filing Date	August 29, 2006
First Named Inventor	Venkata Ramana Rao et al.
Art Unit	1615
Examiner Name	
Attorney Docket Number	AM-101457-1USA

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	81	WO 98/000115	1-8-1998	Klinge Pharma GMBH		
	82	WO 94/027988	12-8-1994	Astra Aktiebolag		

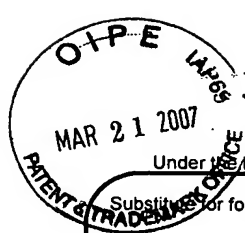
**Examiner  
Signature**

Date Considered	
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Attorney Docket Number	AM-101457-1USA

Sheet	7	of	7
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	83	Wyeth-Ayerst, Product Information (revised July 10, 2003), Protonix Physician's Desk Reference, 2003, pp. 3461-4.	
	84	M. Summers and M. Aulton, Chaper 25 Granulation in Pharmaceuticals: Science of Dosage Form Design by Aulton, Michael E., Second ed.	
		(Churchill Livingstone) P. 364, 365, 374.	

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